

Amendments to the Claims:

1. (Currently Amended) A gas laser device having a repetition rate of 4 kHz or more comprising:

a laser chamber having laser gas filled therein;

a pair of main discharge electrodes oppositely arranged in the laser chamber and spaced apart by a predetermined distance;

a cross-flow fan located within the laser chamber for circulating the laser gas within the laser chamber at least between the main discharge electrodes; and

a bearing structure for rotatably supporting the cross-flow fan,

wherein a diameter of the cross-flow fan is 130 to 150 mm ~~or less~~ and a peripheral speed thereof is 25.0 m/s or more.

2. (Original) The gas laser device according to claim 1, wherein the peripheral speed of said cross-flow fan is 27.0 m/s or more.

3. (Original) The gas laser device according to claim 1, wherein said bearing structure is a roller bearing adapted for being rotated at 4500 rpm or less.

4. (Previously Presented) The gas laser device according to claim 1, wherein said bearing structure is a magnetic bearing adapted for being rotated at less than 5000 rpm.